

Message

**From:** Oswald, Eric (DEQ) [OswaldE1@michigan.gov]  
**Sent:** 8/7/2018 12:01:49 PM  
**To:** Poy, Thomas [poy.thomas@epa.gov]  
**Subject:** FW: Updated Spreadsheet  
**Attachments:** Parchment PFAS.xlsx; T18H107 Mn Results.pdf

Tom, data I meant to attach to the previous email.

Eric

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**From:** Deater, Shannan <deaters@kalamazoocity.org>  
**Sent:** Monday, August 6, 2018 10:18 PM  
**To:** Bishop, Heather (DEQ) <BishopH@michigan.gov>  
**Cc:** Graham, Lois (DEQ) <GRAHAML@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Oswald, Eric (DEQ) <OswaldE1@michigan.gov>; Onan, Brandon (DEQ) <OnanB@michigan.gov>; Bloemker, Jon (DEQ) <BLOEMKERJ@michigan.gov>; Paquin, John <PaquinJ@kalamazoocity.org>; Baker, James <bakerj@kalamazoocity.org>; Johnson, Teresa <johnsont@kalamazoocity.org>; Skalski, Steve <skalskis@kalamazoocity.org>; Cornell, Jim <cornellj@kalamazoocity.org>; Spitzner, Tom <spitznert@kalamazoocity.org>; Joe Parchment <superintendent@parchment.org>  
**Subject:** RE: Updated Spreadsheet

Good evening to those of you who check your emails at night. A final round of manganese results came in they are entered on the attached spreadsheet. They look great. We should have updates on the remaining parameters tomorrow

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**From:** Deater, Shannan  
**Sent:** Monday, August 06, 2018 3:32 PM  
**To:** Heather Bishop  
**Cc:** 'Graham, Lois (DEQ)'; 'Krisztian, George (DEQ)'; 'Oswald, Eric (DEQ)'; 'Onan, Brandon (DEQ)'; 'Bloemker, Jon (DEQ)'; Paquin, John; Baker, James; Johnson, Teresa; Skalski, Steve; Cornell, Jim; Spitzner, Tom; 'Joe Parchment'  
**Subject:** RE: Updated Spreadsheet

Hello All,

There are updated manganese results for 8/4/18 p.m., 8/5/18 a.m. and 8/5/18 p.m. entered in the attached spreadsheet. Results for today's afternoon chlorine residual sampling are below:

	Fire Station 3	Mount Olivet	Public Works	Parchment Professional Building	Speedway	Hydrant-Adams/ Oh Scrap	Hydrant-Polaris
<b>8/6/18 a.m.</b>							
Total Chlorine Residual mg/L	0.44	0.5	0.56	0.38	0.5	0.8	0.1
Free Chlorine Residual	0.33	0.27	0.49	0.33	0.39	0.69	0.07
<b>8/6/18 p.m.</b>							

Total Chlorine Residual mg/L	1.78	0.81	0.42	0.41	0.41	0.037	0.09
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Free Chlorine Residual	1.22	0.51	0.35	0.38	0.30	0.026	0.05
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Let me know if you have any questions. Thanks,

Shannan

**From:** Deater, Shannan

**Sent:** Monday, August 06, 2018 12:10 PM

**To:** Heather Bishop

**Cc:** 'Graham, Lois (DEQ)'; 'Krisztian, George (DEQ)'; 'Oswald, Eric (DEQ)'; 'Onan, Brandon (DEQ)'; 'Bloemker, Jon (DEQ)'; Paquin, John; Baker, James; Johnson, Teresa; Skalski, Steve; Cornell, Jim; Spitzner, Tom; 'Joe Parchment'

**Subject:** RE: Updated Spreadsheet

Good morning,

The in-house water quality parameters are updated on the attached spreadsheet. Today's chlorine residuals are summarized below:

<b>8/6/18a.m.</b>	Fire Station 3	Mount Olivet	Public Works	Parchment Professional Building	Speedway	Hydrant-Adams/ Oh Scrap	Hydrant-Polaris
Total Chlorine Residual mg/L	0.44	0.5	0.56	0.38	0.5	0.8	0.1
Free Chlorine Residual	0.33	0.27	0.49	0.33	0.39	0.69	0.07

Trace Analytical will have the remaining manganese samples from the weekend this afternoon.

Thanks,

Shannan

***Shannan Deater***

Environmental Services Programs Manager

City of Kalamazoo

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